

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claims 12-30 without prejudice and add new claims 31-37 as follows:

LISTING OF CLAIMS:

1. (Previously Presented) A head slider with a precise positioning actuator, comprising:

a thin plane shaped head section provided with a first surface that is substantially perpendicular to an air bearing surface of said head slider, a second surface opposite to said first surface, side surfaces perpendicular to said first and second surfaces and at least one head element formed on said first surface; and

an actuator section for precisely positioning said at least one head element, said actuator section including a) a pair of movable arms capable of displacing its top end portions in response to a drive signal applied to said actuator section, both of said side surfaces of said head section being fixed to said top end portions of said pair of movable arms, b) a base to be fixed to a support means of said head slider, said pair of movable arms extending from said base along said air bearing surface, and c) a static part coupled with said base and formed between and spaced from said pair of movable arms, each movable arm comprising an arm member made of zirconia and a piezoelectric element formed on or fixed to a surface of said arm member.

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Canceled).

7. (Canceled).

8. (Previously Presented) The head slider as claimed in claim 1, wherein said air bearing surface is formed in said static part.

9. (Canceled).

10. (Canceled).

11. (Original) The head slider as claimed in claim 1, wherein said at least one head element is at least one thin-film magnetic head element.

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Canceled).

18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Canceled).

22. (Canceled).

23. (Canceled).

24. (Canceled).

25. (Canceled).

26. (Canceled).

27. (Canceled).

28. (Canceled).

29. (Canceled).

30. (Canceled).

31. (New) The head slider as claimed in claim 1, wherein said base of said actuator section is made of zirconia.

32. (New) The head slider as claimed in claim 1, wherein said static part of said actuator section is made of zirconia.

33. (New) A head slider with a precise positioning actuator, comprising:
a thin plane shaped head section provided with a first surface that is substantially perpendicular to an air bearing surface of said head slider, a second surface opposite to said first surface, side surfaces perpendicular to said first and second surfaces and at least one head element formed on said first surface; and
an actuator section for precisely positioning said at least one head element,

said actuator section including a) a pair of movable arms capable of displacing its top end portions in response to a drive signal applied to said actuator section, both of said side surfaces of said head section being fixed to said top end portions of said pair of movable arms, b) a base to be fixed to a support means of said head slider, said pair of movable arms extending from said base along said air bearing surface, and c) a static part coupled with said base and formed between said pair of movable arms, said static part spaced from said pair of movable arms via a gap, each movable arm comprising an arm member made of zirconia and a piezoelectric element formed on or fixed to a surface of said arm member.

34. (New) The head slider as claimed in claim 33, wherein said air bearing surface is formed in said static part.

35. (New) The head slider as claimed in claim 33, wherein said at least one head element is at least one thin-film magnetic head element.

36. (New) The head slider as claimed in claim 33, wherein said base of said actuator section is made of zirconia.

37. (New) The head slider as claimed in claim 33, wherein said static part of said actuator section is made of zirconia.